

From Waste to Innovative Space

By: James Anquandah, YALI West Africa

Awuku Makafui, a YALI Regional Learning Center (RLC) alumnus, built the first bus shelter in Accra, Ghana, out of 700 kg of recycled plastic materials. It is 24 feet wide; sits 16 adults; has rooftop solar panels that provide power to a USB charging point, and even has a radio installed for easy listening.

Makafui Awuku is a member of Team Sankara, winner of the Dow / YALI Accra RLC Design Challenge in Sustainable Waste Management and a winner of the third call of the YALI Alumni Innovation Fund. He is an innovator, activist and conservationist determined to prevent plastic from going back into the environment.

Want to learn more?

<http://yaliwestafrica.net/rlc/index.php/2022/02/17/from-waste-to-innovative-space-alumnus-makafui-awuku-commissions-accras-first-recycled-bus-shelter/>



Dzorwulu Bus Shelter in Accra, Ghana, constructed with structural beams made from plastic waste, recovered flip flops, used car tires and bottle tops.